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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 08/650,719 | 05/20/1996 | JEFFREY S. MAILLOUX | 95-0653 | 2941 |

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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402

EXAMINER

KIM, HONG CHONG

| ART UNIT | PAPER NUMBER |
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2187

DATE MAILED: 07/11/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

PRG

| | | | |
|------------------------|--------------------------------------|--|--|
| Advisory Action | Application No. 08/650,719 | Applicant(s) MAILLOUX ET AL. | |
| | Examiner Hong C Kim | Art Unit 2187 | |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 31 May 2002 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) ☐ they raise the issue of new matter (see Note below);
 - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____.

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 1-9,33-35,46,48-50,59-61,63 and 64.

Claim(s) withdrawn from consideration: _____.

8. ☐ The proposed drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☐ Other: _____


HONG CHONG KIM
PRIMARY EXAMINER

Continuation of 5. does NOT place the application in condition for allowance because: Claim 61 is rejected under 35 U.S.C. 112, first paragraph, as containing subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention because "while in the burst mode of operation, generating at least one subsequent internal address patterned after the initial external address provided while in the pipelined mode of operation" was not described in the specification, at the time the application was filed. In other words, it is unclear to the Examiner that how it is possible to operate while both in the burst and pipeline modes of operation at the same time.

The drawings are objected to under 37 C.F.R. § 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, a flow diagram illustrating the logic implementation of steps in claim 61 must be shown or the feature cancelled from the claim. No new matter should be entered.

Manning discloses mode circuitry to select between a burst mode (col. 6 lines 14-34 and col. 7 lines 43-54) and a pipelined mode (col. 5 lines 43-50, "the current invention include a pipelined architecture" and "switching between standard fast page mode (non-EDO) and burst mode" read on this limitation, in other words, in order to work in the pipeline architecture one has to select pipeline mode); and circuitry operable in either the burst mode or the pipelined mode coupled to the mode selection circuitry and configure to select between two modes. (Fig. 1 Ref. 40 and col. 6 lines 14-16 & col. 5 lines 41-50).

Applicant's argument on page 6 that the reference does not disclose selecting or switching between a burst mode and a pipeline modes of operations is not considered persuasive. "The current invention include a pipelined architecture" (col. 5 lines 43-49 in Manning) and "switching between standard fast page mode (non-EDO) and burst mode" (see col 6 lines 14-16 & Fig. 1 and col. 7 lines 44-55 in Manning) read on this limitation, in other words, in order to work in the pipeline architecture one has to select pipeline mode. Also given the teachings of above reference one of the ordinary skill in the art at the time the invention was made would have been lead to an obvious fashion to provide a pipelined page mode circuitry since Manning discloses that the current invention include a pipelined architecture (col. 5 lines 43-49) which would increase accessing speed.


HONG CHONG KIM
PRIMARY EXAMINER